

GangadharGowdJogi

Week4- Dijkstra's Algorithm

Sample Execution Screenshot

A-C

The screenshot shows the Visual Studio IDE with the 'Week4\_Assignment' project. The console window displays the following output:

```
151 Enter the starting node (Upper Case: A-E): A
152 Enter the ending node (Upper Case: A-E): C
153 Shortest Path from A to C: A E B C
154 Lowest Cost: 6
155
156 D:\Assignments\gangadar\advan alg\Programs\Week4_Assignment\x64\Debug\Week4_Assignment.exe (process 10968) exited with code 0.
157 To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
158 Press any key to close this window . . .|
```

The Solution Explorer on the right shows the project structure, including 'Week4\_Assignment' and 'Dijkstra\_AS4.cpp'.

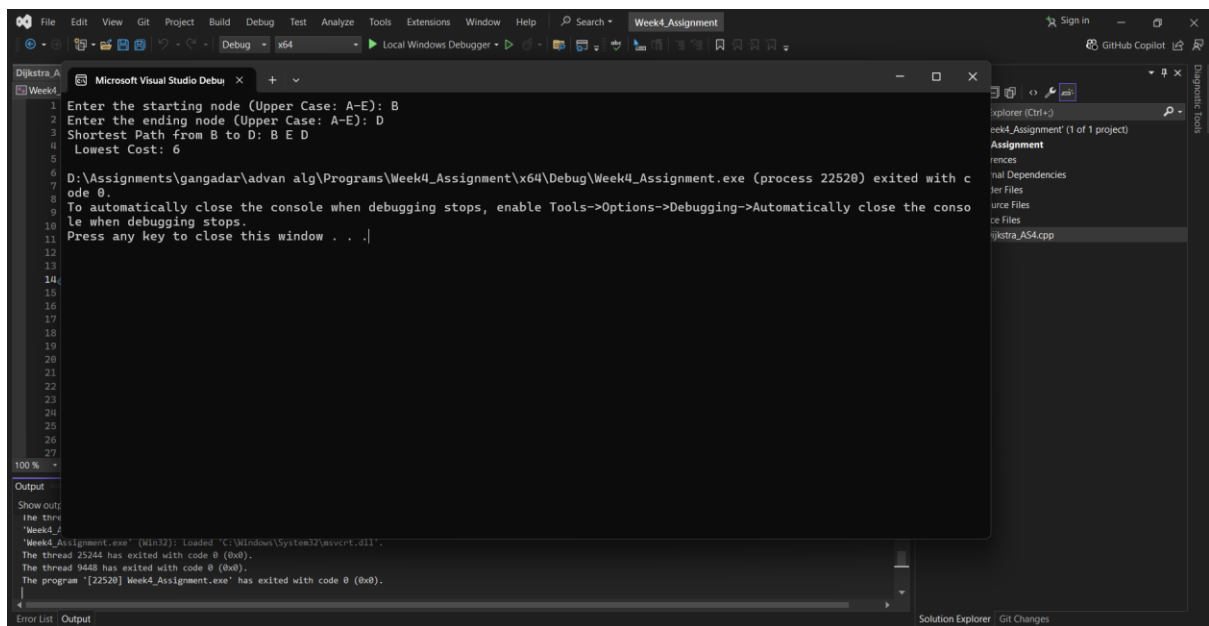
A-D

The screenshot shows the Visual Studio IDE with the 'Week4\_Assignment' project. The console window displays the following output:

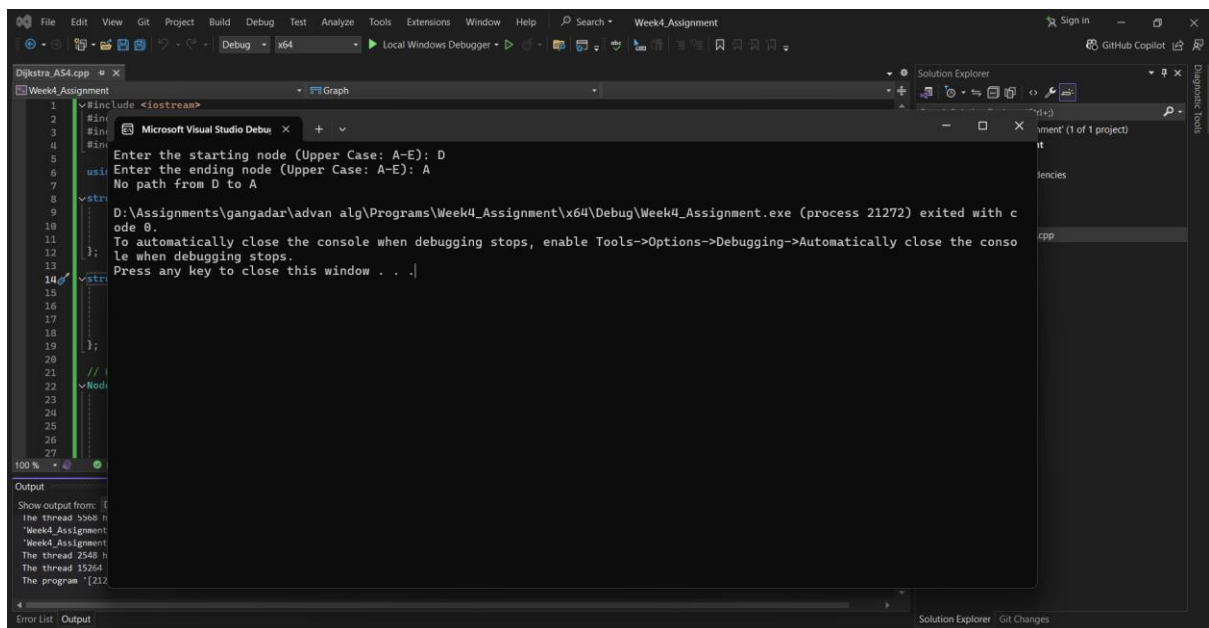
```
151 Enter the starting node (Upper Case: A-E): A
152 Enter the ending node (Upper Case: A-E): D
153 Shortest Path from A to D: A E D
154 Lowest Cost: 5
155
156 D:\Assignments\gangadar\advan alg\Programs\Week4_Assignment\x64\Debug\Week4_Assignment.exe (process 13628) exited with code 0.
157 To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
158 Press any key to close this window . . .|
```

The Solution Explorer on the right shows the project structure, including 'Week4\_Assignment' and 'Dijkstra\_AS4.cpp'.

B-D



D to A



E - B

